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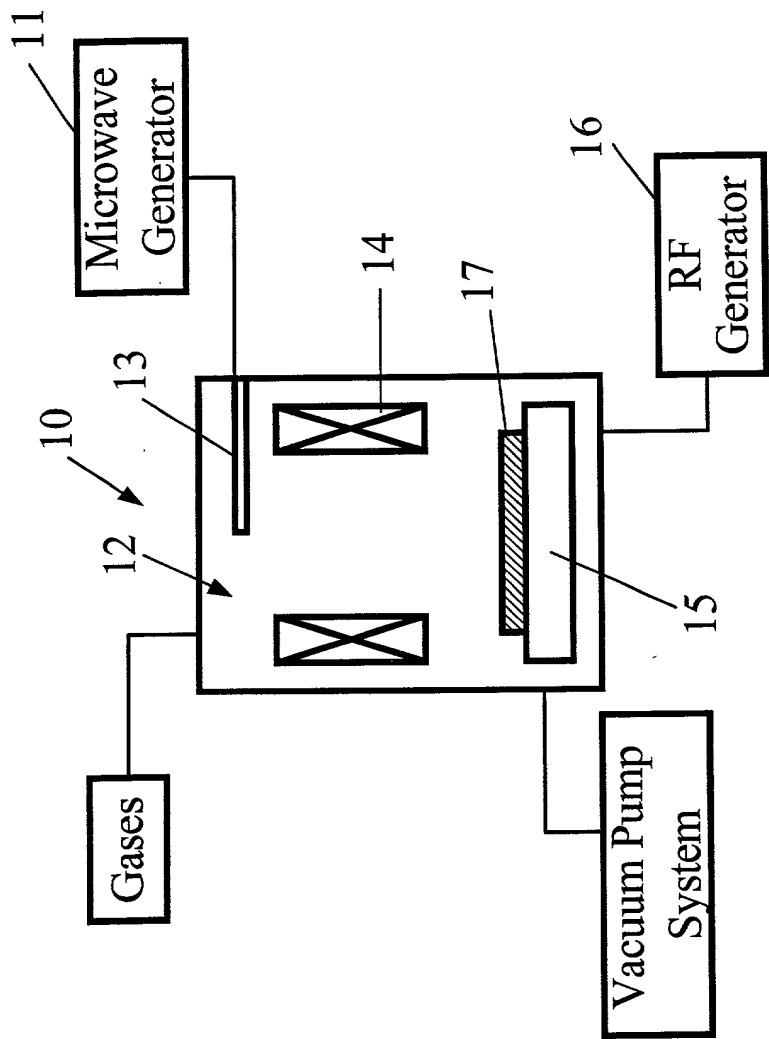


Figure 1

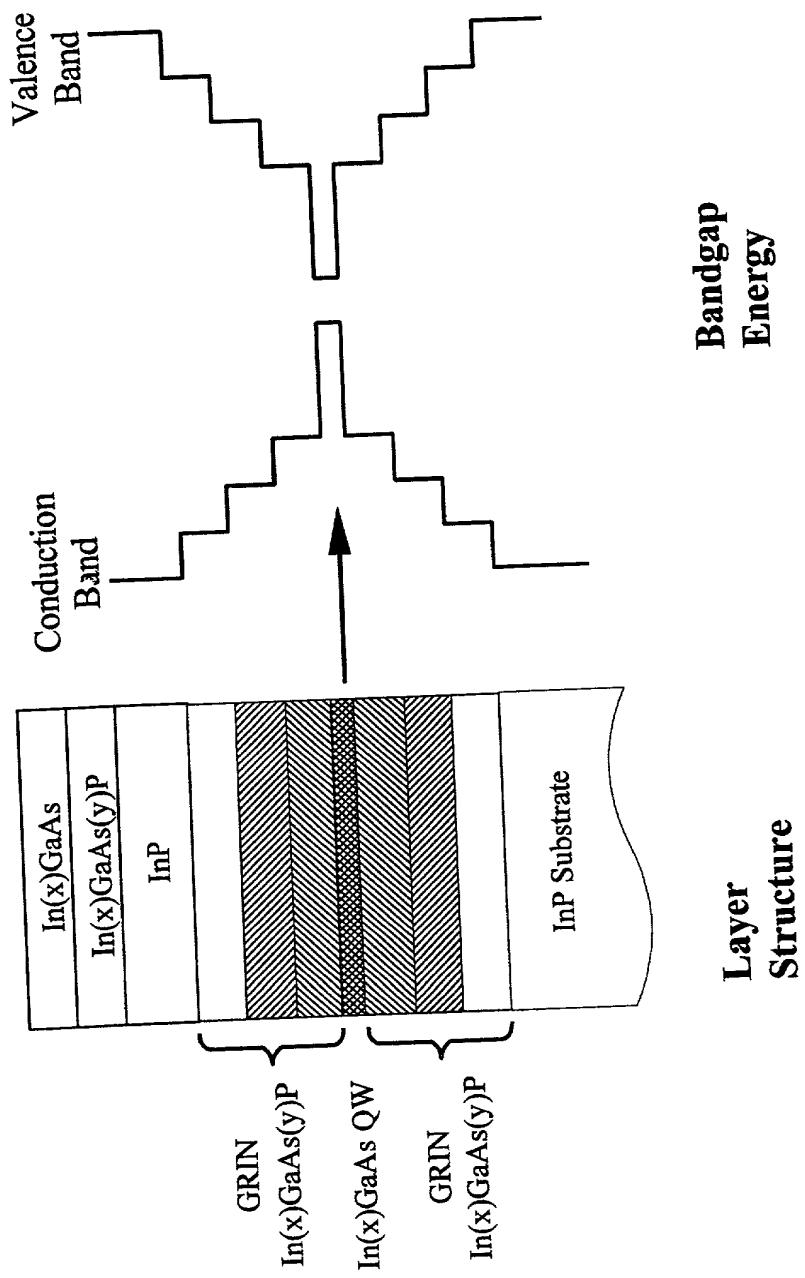


Figure 2

3/14

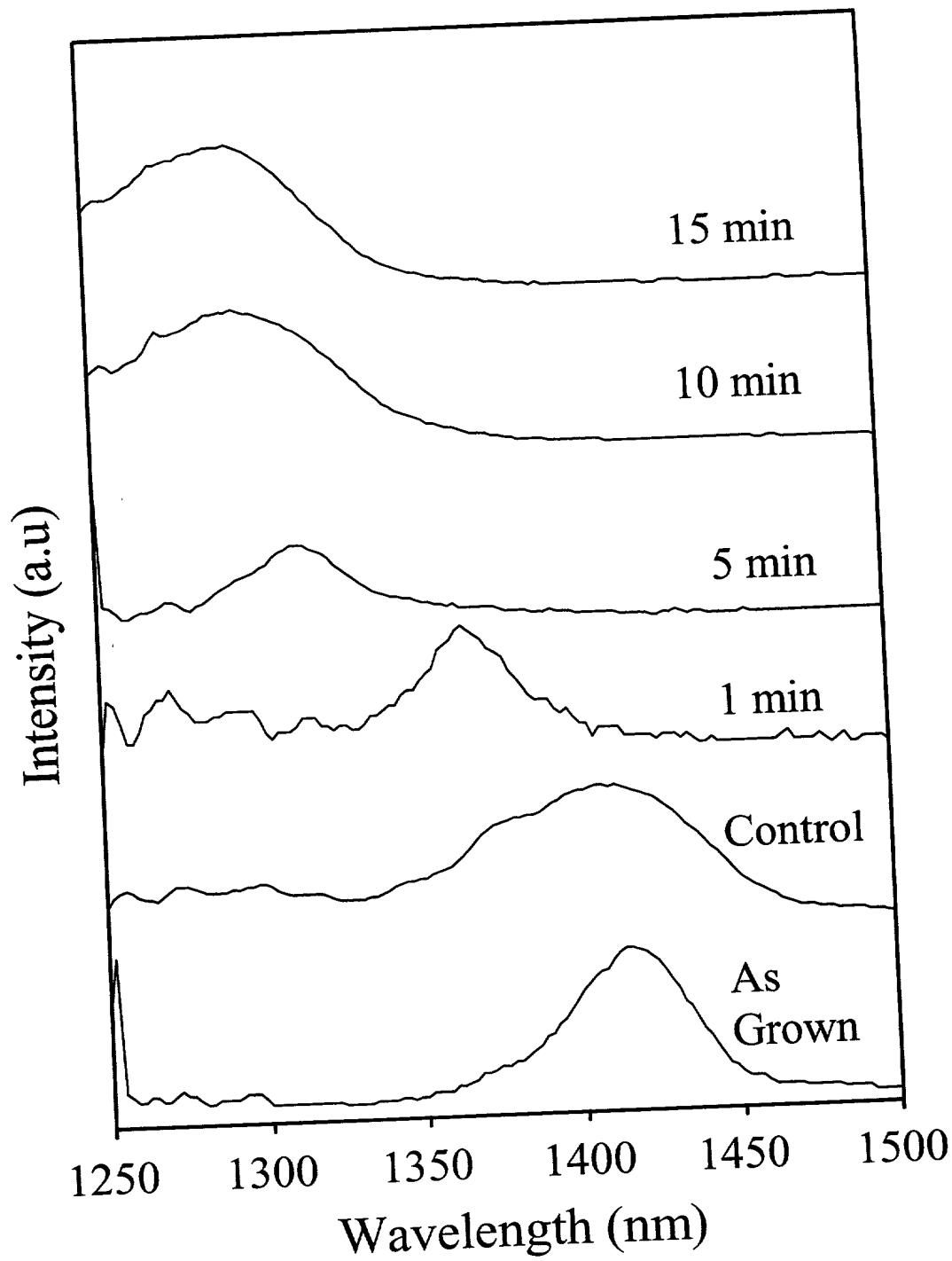


Figure 3A

4/14

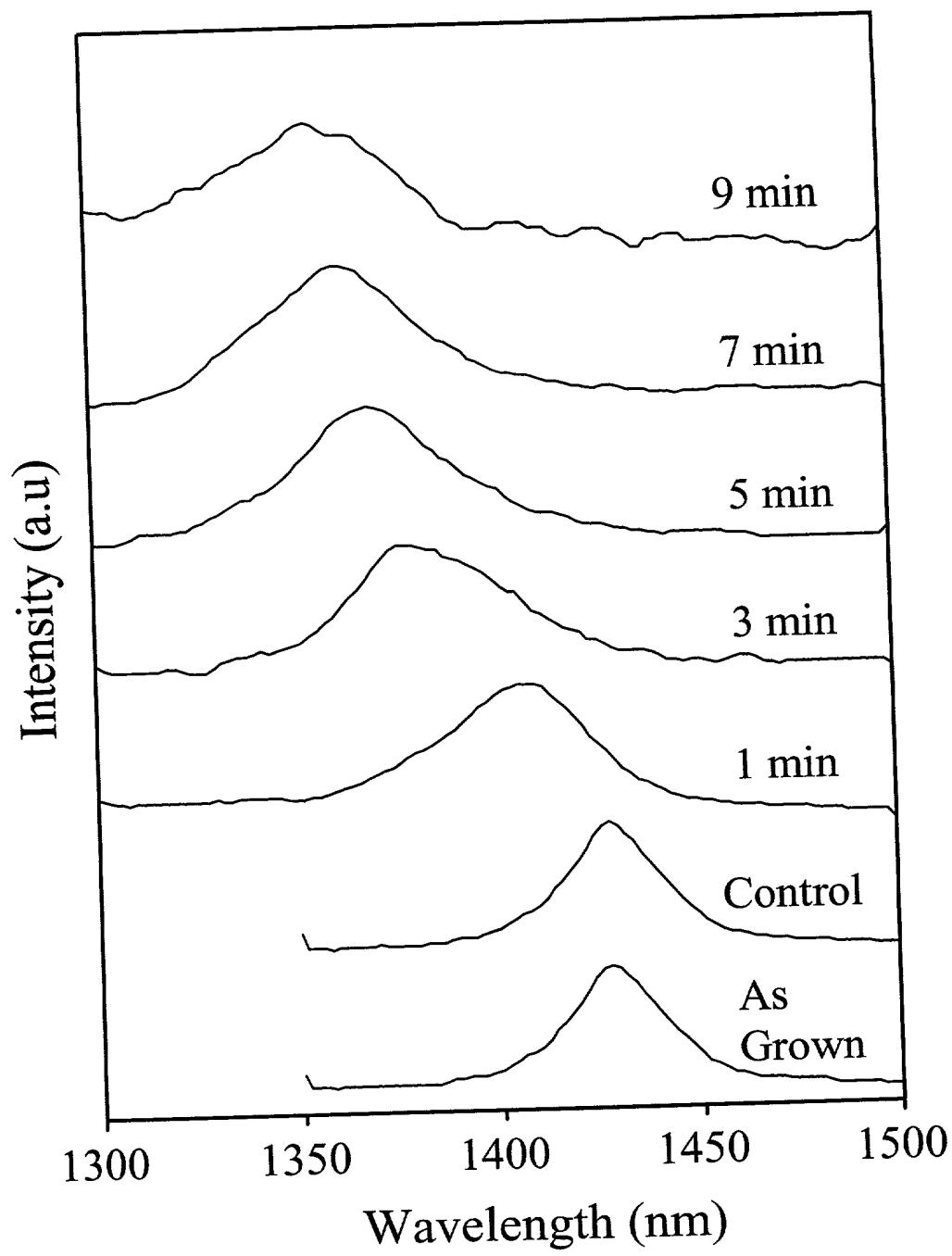


Figure 3B

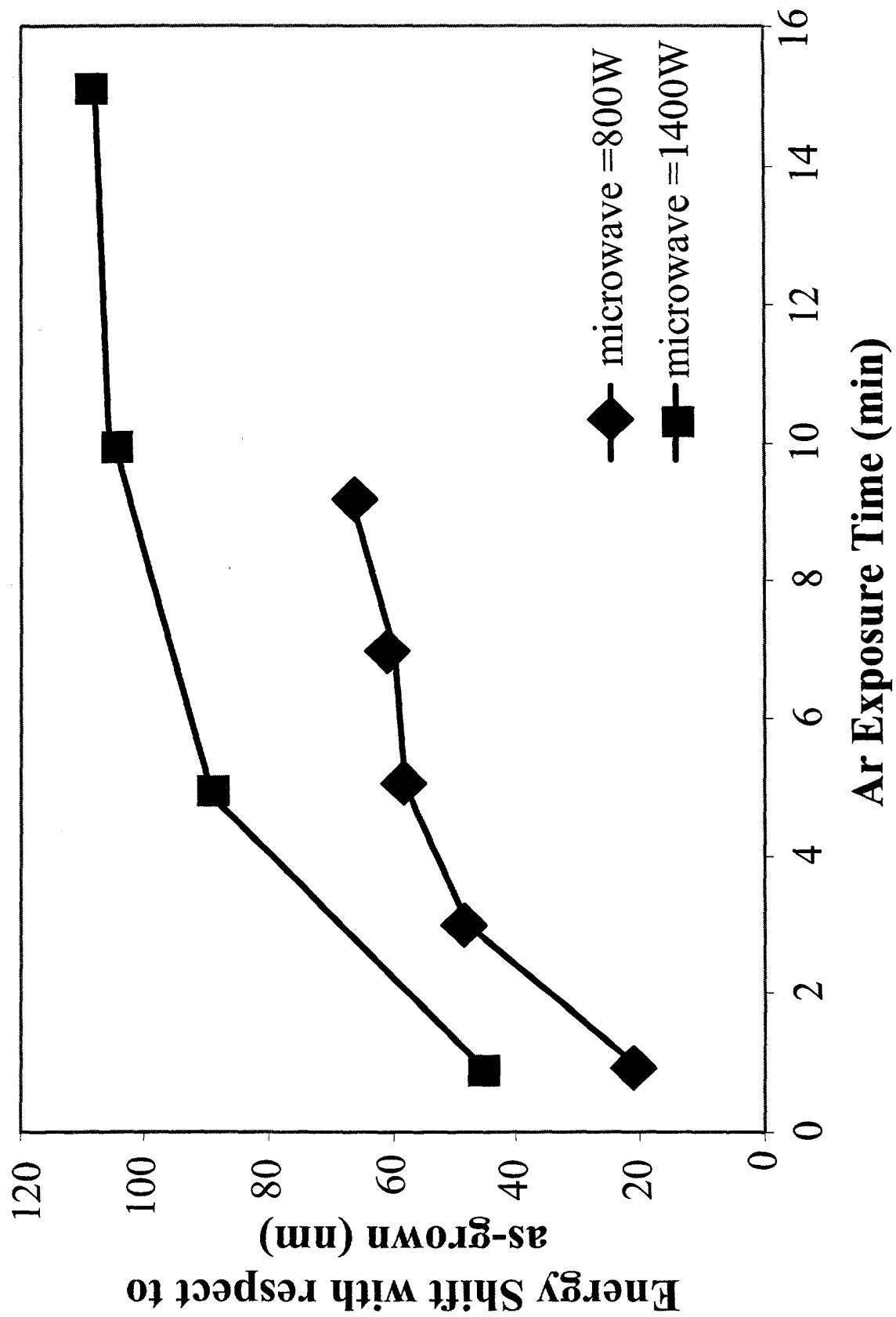


Figure 4

6/14

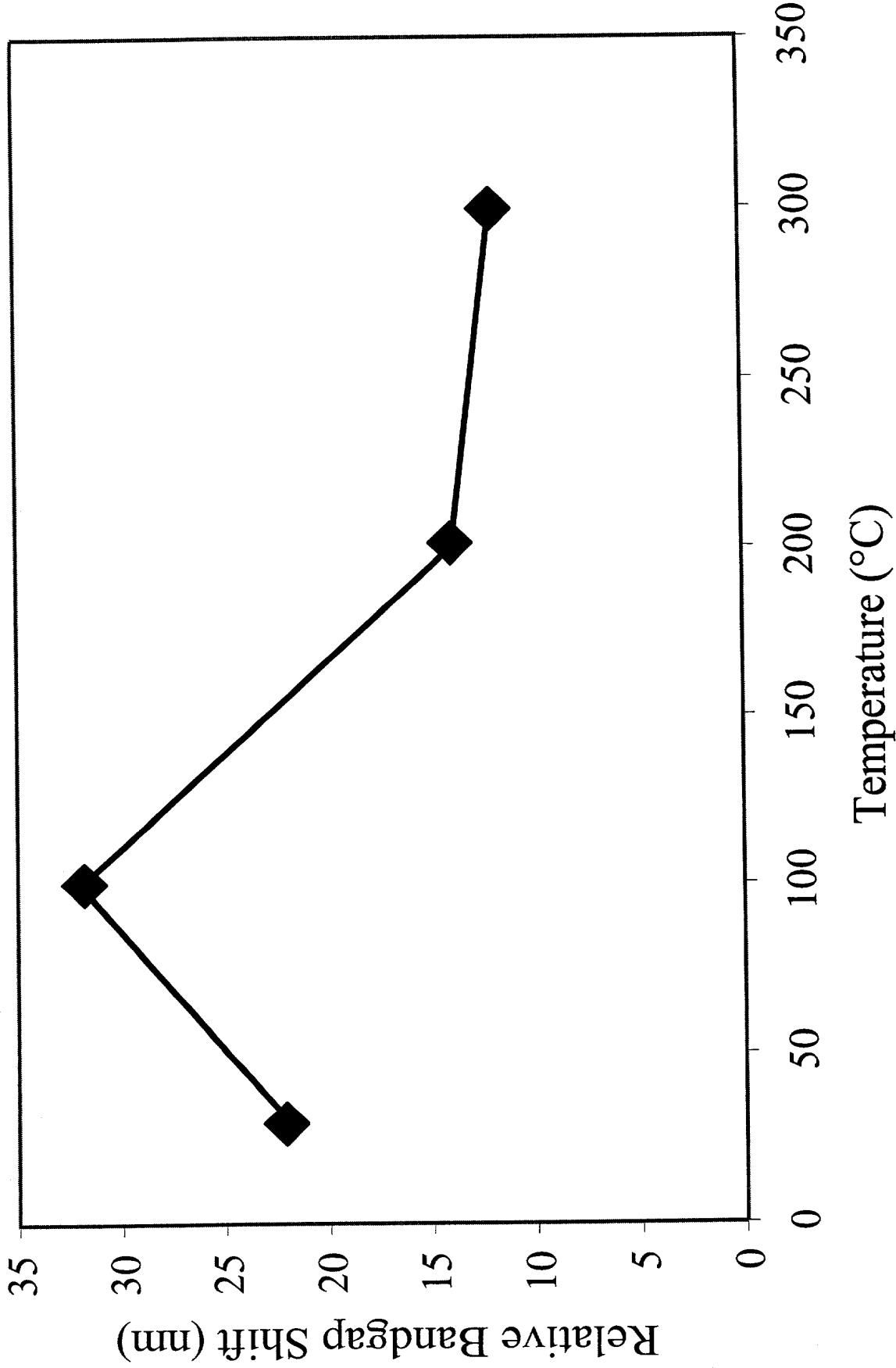


Figure 5

7/14

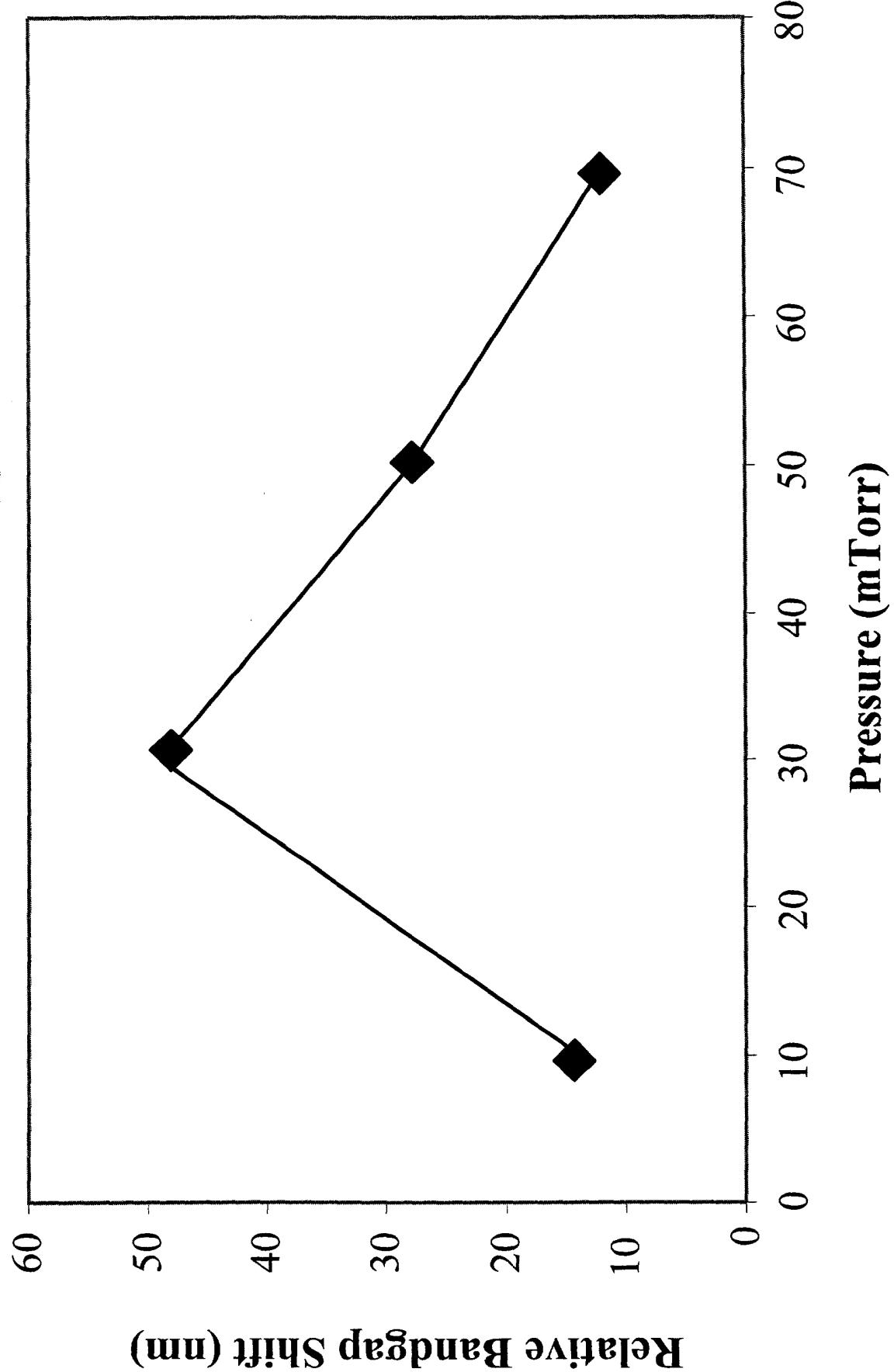


Figure 6

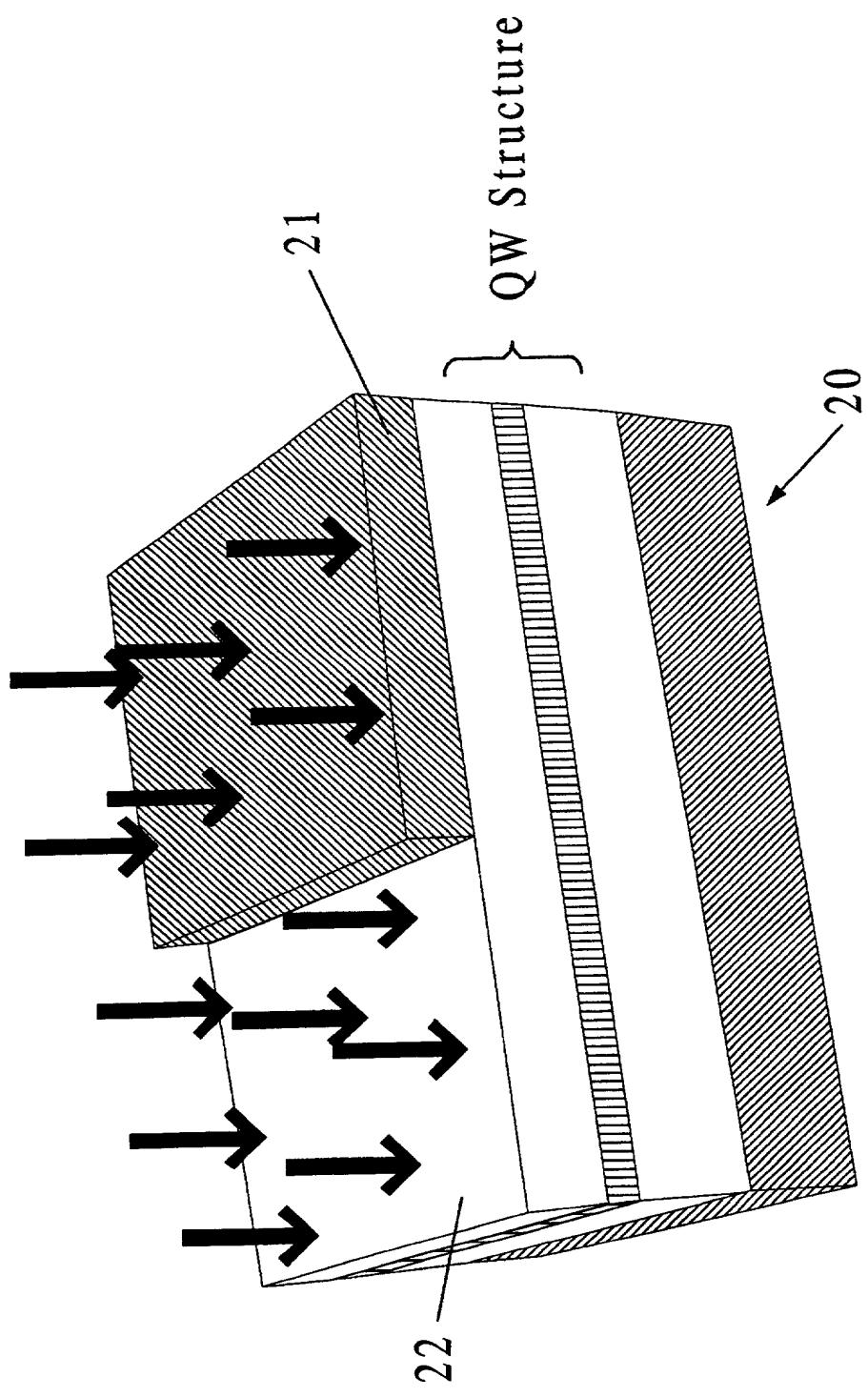


Figure 7

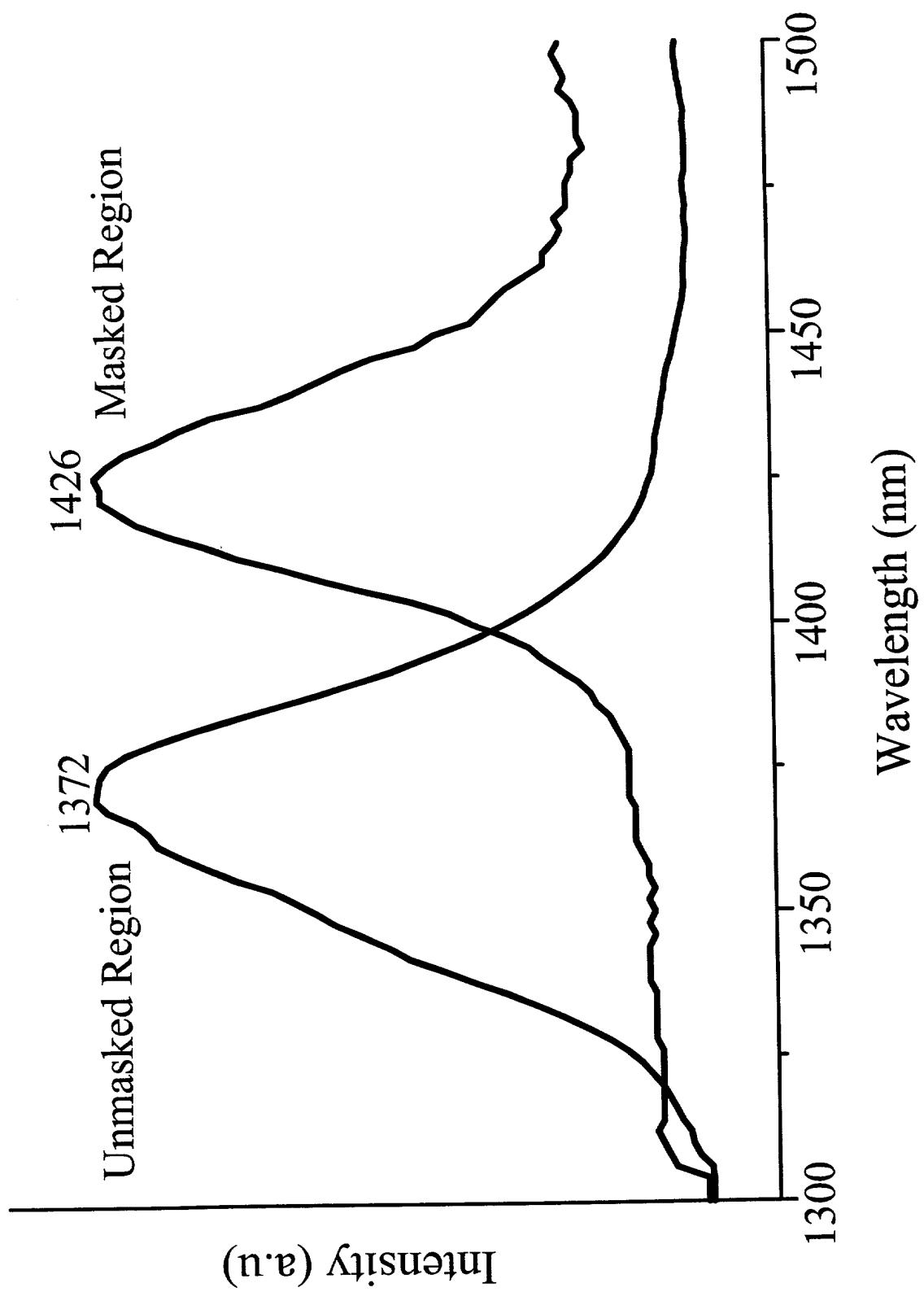


Figure 8

10/14

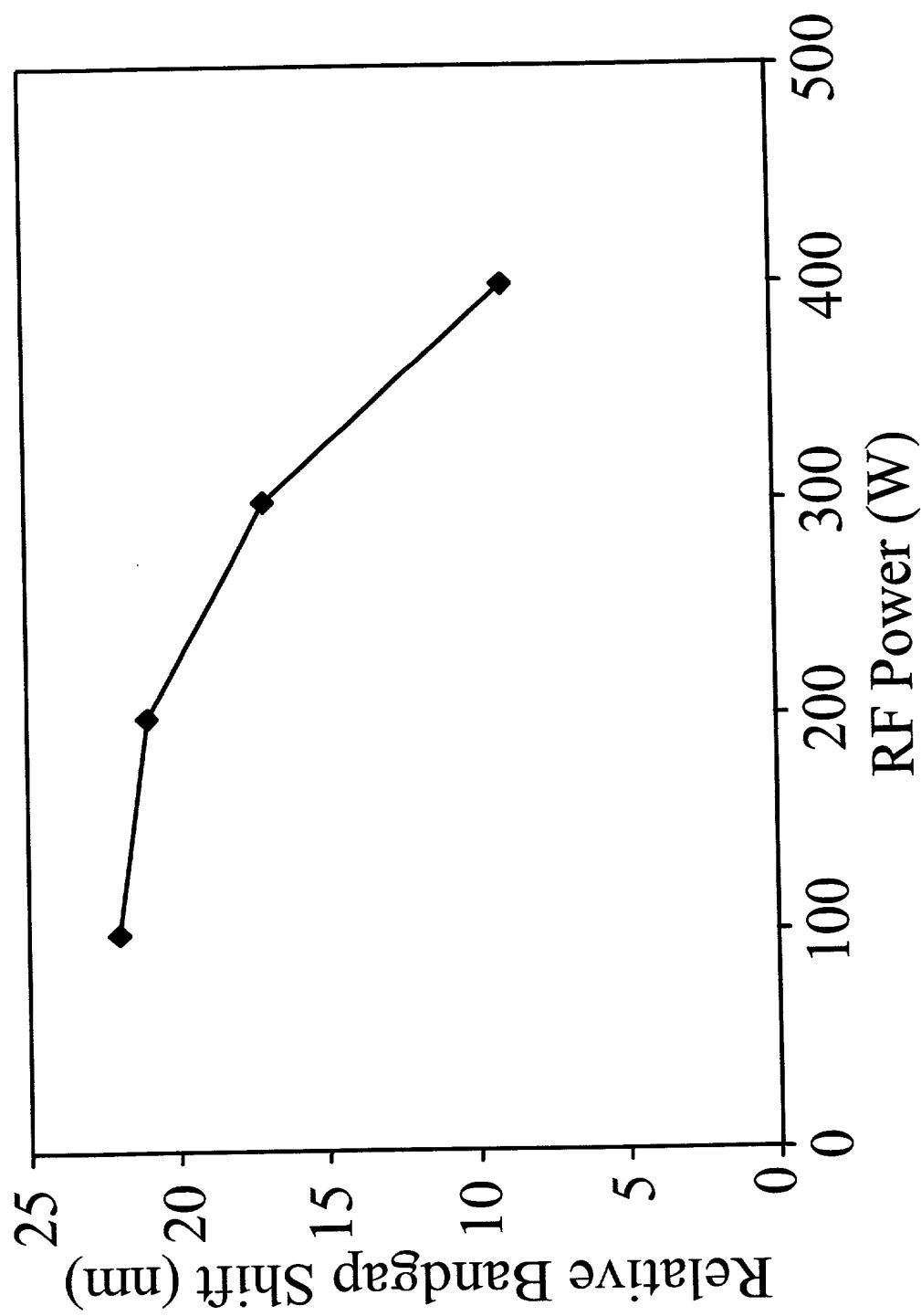


Figure 9

Figure 10

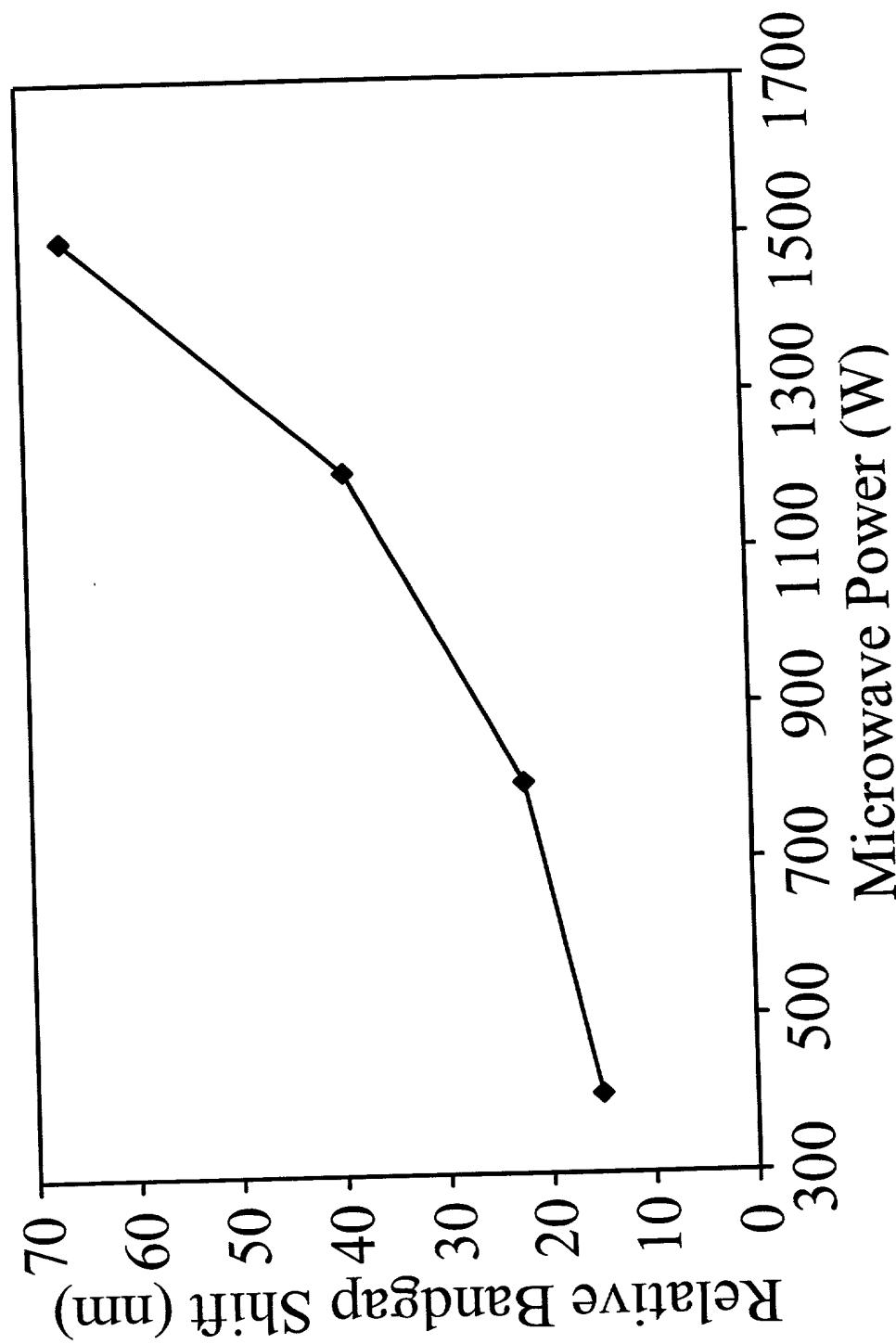


Figure 11 shows the relationship between SiO₂ thickness and bandgap energy shift.

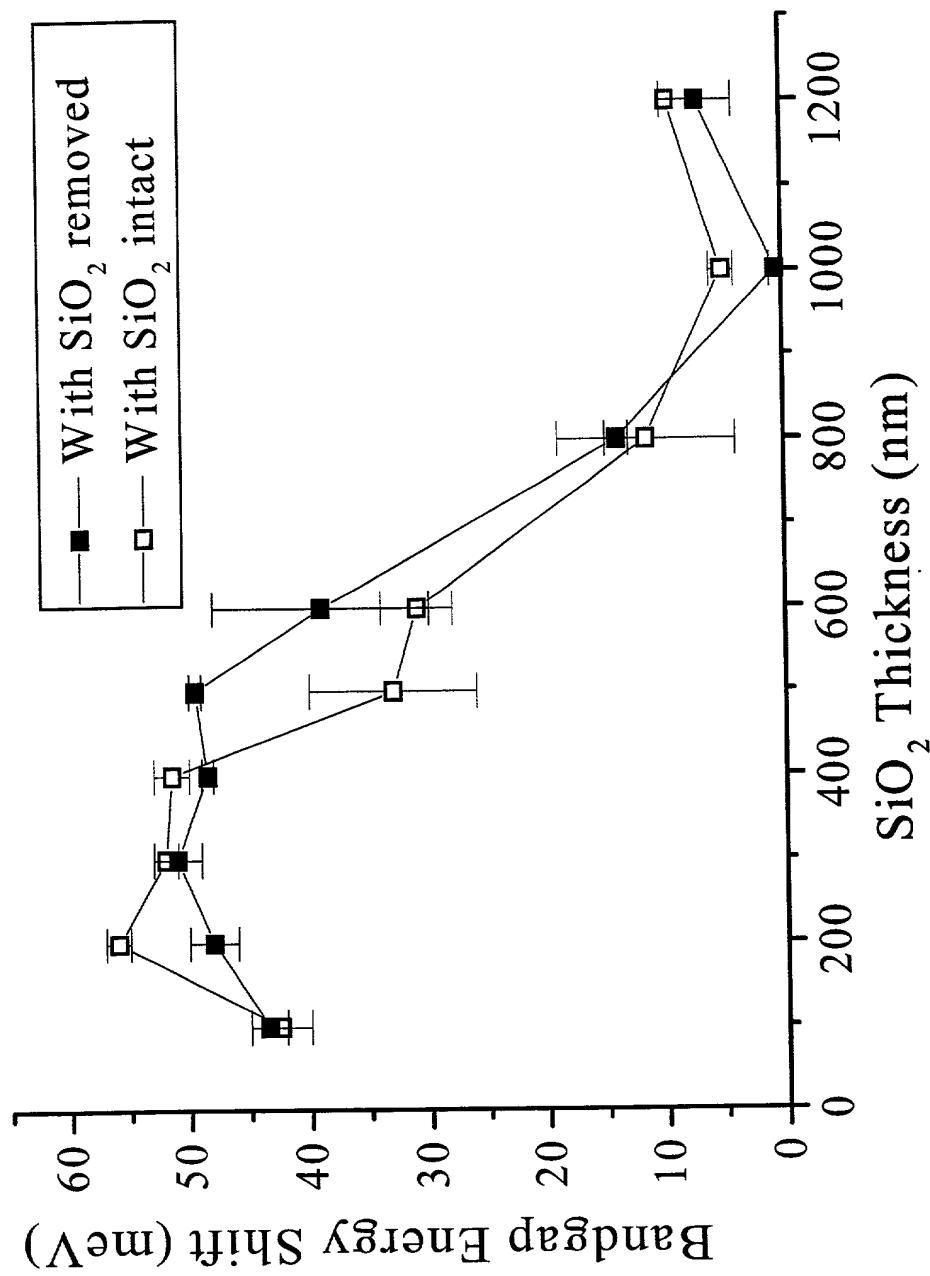


Figure 11

13/14

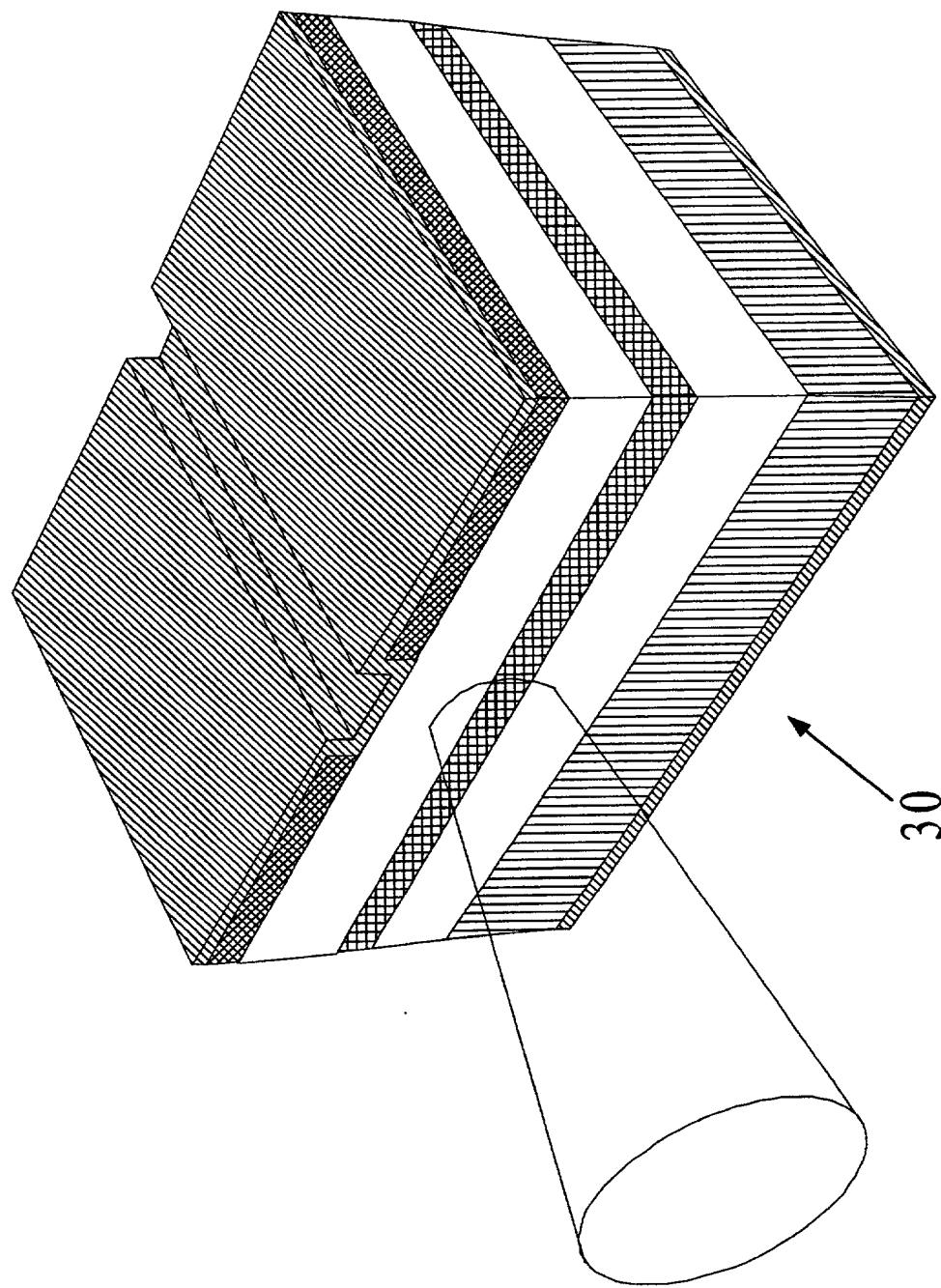


Figure 12

14/14

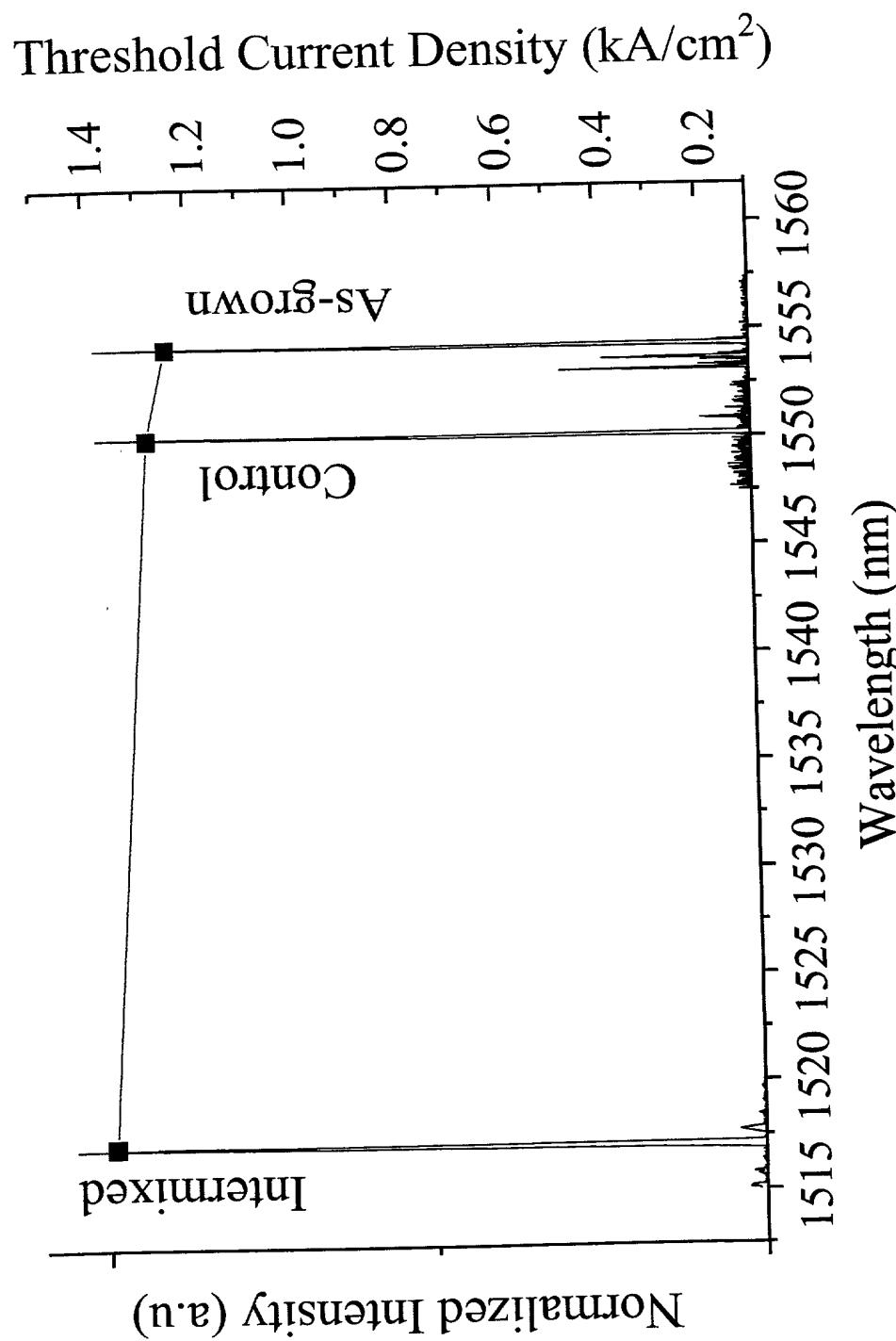


Figure 13